IN THE CLAIMS

A. Please cancel claims 41-43 without prejudice or disclaimer.

B. Please amend claims 1, 6-8, 13, 14, 16, 20, 21, 27-30, 45-47, 50-54, and 56 as follows:

Amended Claims With Mark-ups to Show Changes Made

1. (Thrice Amended) A projection lens system, comprising:

a plurality of lenses, wherein at least one lens of the plurality of lenses comprises an [aspherical surface] aspheric lens; and

at least one diffractive optical element formed on [at least one of the lenses] the aspheric lens.

6. (Amended) The projection lens system according to claim 1, wherein one surface of the at least one diffractive optical element includes a pitch of grooves having a rotation symmetry on a spherical surface, wherein the pitch of the grooves changes as it goes from the center into the peripheral of the one surface.

7. (Amended) The projection lens system according to claim 1, wherein one surface of the at least one diffractive optical element includes a pitch of grooves having a rotation symmetry on a plane surface, wherein the pitch of the grooves changes as it goes from the center into the peripheral of the one surface.

8. (Thrice Amended) A projection lens system, comprising:

a plurality of refractive lenses, wherein at least one lens comprises an [aspherical] aspheric [surface] lens; and

at least one diffractive optical element formed on the [asphetical surface] aspheric lens to correct chromatic aberrations at on axis and off axis.

13. (Amended) The projection lens system according to claim 8, wherein one surface of the at least one diffractive optical element includes a pitch of grooves having a rotation symmetry on a spherical surface, wherein the pitch of the grooves changes as it goes from the center into the peripheral of the one surface.

14. (Amended) The projection lens system according to claim 8, wherein one surface of the at least one diffractive optical element includes a pitch of grooves having a rotation symmetry on a plane surface, wherein the pitch of the grooves changes as it goes from the center into the peripheral of the one surface.

16. (Twice Amended) The projection lens system according to claim 15, wherein [the] a first lens [has one surface formed with diffractive optical elements thereon and a second surface with an aspherical surface] is an aspheric lens.

20. (Amended) The projection lens system according to claim 19, wherein said first, third and fourth lenses are designed to have [a] an aspheric surface.

21. (Amended) The projection lens system according to claim 19, wherein one surface of said first lens is designed to have [a] an aspheric surface and the other surface of said first lens is designed into a surface of the diffractive optical element.

27. (Amended) The projection lens system according to claim 26, wherein the first lens has an upper surface of convex shape, both sides of the second lens are [in] convex [surface], and the fourth lens includes [at one surface having] a diffractive optical element.

28. (Amended) The projection lens system according to claim 26, wherein one surface of said first lens is designed to have an aspheric surface and the other surface of said first lens is designed [into a surface of the] to have a diffractive optical element.

29. (Amended) The projection lens system according to claim 26, wherein one surface of said second lens is designed to have an aspheric surface and the other surface of said second lens is designed [into a surface of the] to have a diffractive optical element.

30. (Amended) The projection lens system according to claim 26, wherein one surface of said fourth lens is designed to have an aspheric surface and the other surface of said fourth lens is designed [into a surface of the] to have a diffractive optical element.

45. (Amended) The projection lens system according to claim 1, wherein the [at least one lens with the aspherical surface] aspheric lens comprises a plastic material.

46. (Amended) The projection lens system according to claims 1, wherein the aspherical surface of the [at least one lens] aspheric lens corrects a spherical aberration.

47. (Amended) The projection lens system according to claim 1, wherein at least one of the plurality of lenses comprises a glass material [for the majority] which provides at least half to the refractive power in the projection lens system.

50. (Amended) The projection lens system according to claim 8, wherein the [at least one] aspheric lens [with the aspherical surface] comprises a plastic material.

51. (Amended) The projection lens system according to claim [47] 50, wherein at least one of the plurality of lenses comprises a glass material [for the majority] which provides at least half of the refractive power in the projection lens system.

52. (Amended) The projection lens system according to claim 8, wherein the aspherical surface of the [at least one] aspheric lens corrects a spherical aberration.

53. (Amended) The projection lens system according to claim 8, wherein at least one of the plurality of refractive lenses comprises a glass material [for the majority] which provides at least half of the refractive power in the projection lens system.

54. (Amended) The projection lens system according to claim 8, wherein at least one of the plurality of refractive lenses comprises a lens for correcting both a field curvature and an astigmatism.

56. (Amended) The projection lens system according to claim [52] 55, wherein the lenses are refractive lenses and the at least one [the] aspherical surface corrects chromatic aberrations [at] on axis and off axis.